

SAATIFIL ACOUSTEX®

Precision woven mesh for protection of consumer and industrial communication devices



www.marianinc.com

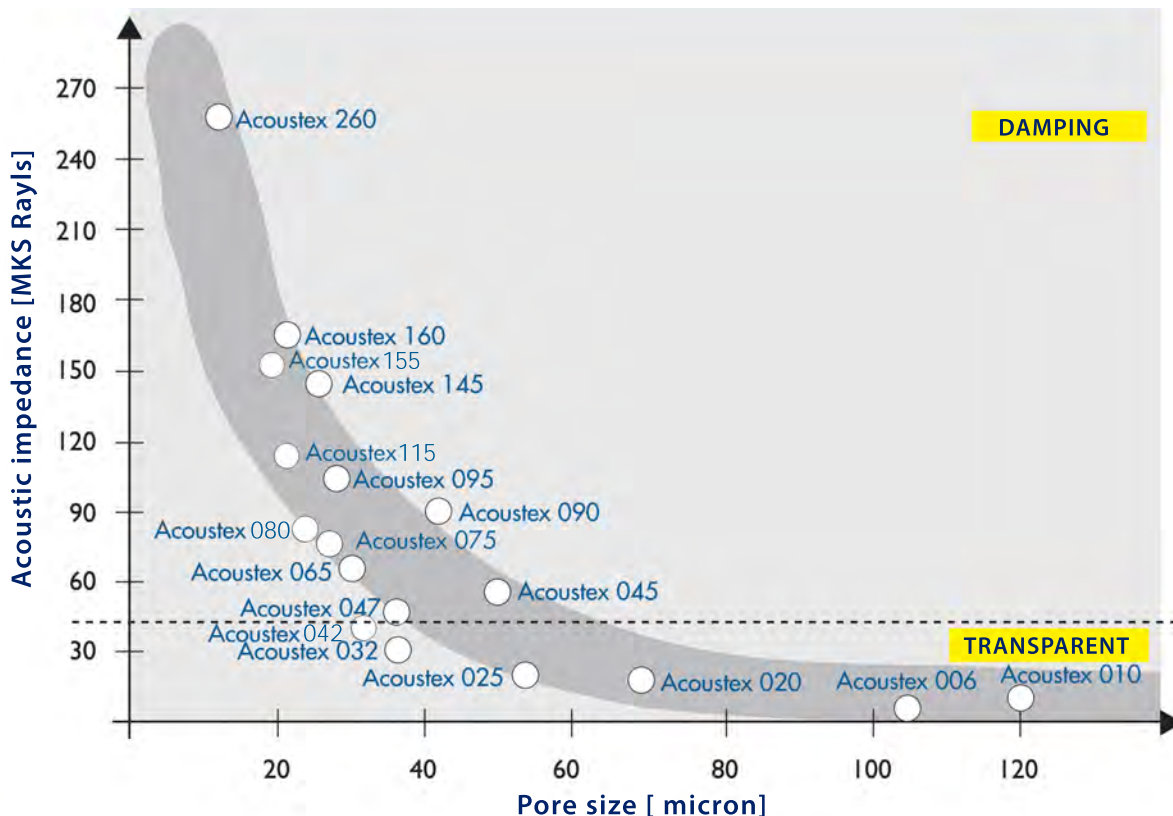
1-800-773-0062



Main Features of Saatifil Acoustex® meshes:

- Smooth monofilament fiber
- High precision and consistency
- Flat frequency response over the widest possible range
- Efficient protection from dust, metal particles and liquids
- Strict airflow control
- Halogen-free
- Complying with REACH and RoHS
- Low moisture absorption thanks to Polyester polymer

How to choose the Right Acoustex Product



ACOUSTICS

technical data sheet

Item Name	Specific Airflow Resistance		Air permeability [L/m ² s @ 20mmWG]	Pore size [µm]	Open Area [%]	Thickness [µm]	Weight [g/m ²]
	[MKS rayls] (1)	[CGS Acoustic Ohms ⁽²⁾ over 1 cm ²]					
Acoustex 003	3	0,3	8220	285	44	255	110
Acoustex 006	6	0,6	8275	105	52	65	25
Acoustex 008	8	0,8	5450	147	34	120	77
Acoustex 010	10	1	6300	120	41	105	50
Acoustex 020	20	2	5500	68	38	62	32
Acoustex 025	25	2,5	4700	53	40	48	27
Acoustex 032	32	3,2	4550	38	31	48	25
Acoustex 042	42	4,2	3750	29	29	46	24
Acoustex 045	45	4,5	2990	51	18	108	68
Acoustex 047	47	4,7	3150	38	28	48	31
Acoustex 065	65	6,5	2800	30	24	60	35
Acoustex 075	75	7,5	2650	25	20	52	33
Acoustex 080	80	8	2100	25	27	44	28
Acoustex 090	90	9	1800	41	14	125	86
Acoustex 095	95	9,5	1970	29	16	56	40
Acoustex 115	115	11,5	1700	21	23	42	28
Acoustex 145	145	14,5	1480	27	14	72	53
Acoustex 155	155	15,5	1200	18	18	44	32
Acoustex 160	160	16	1185	21	15	58	45
Acoustex 260	260	26	800	18	13	60	48

(1) [Pa s/m]

(2) [microbar s/cm³]

The complete ACOUSTEX range of products is halogen-free and satisfies the requirements of RoHS and REACH.

SAATI Customization

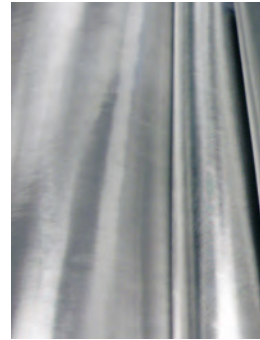
At our state-of-the-art facilities, we also provide tailor-made solutions, guaranteeing superior quality and lot-to-lot consistency of the products.



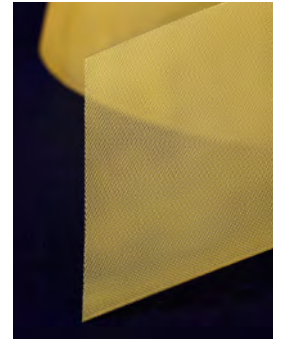
Dyeing



Hydrophobic Coating



Metal Coating



Fabricated Parts

Main Applications



Mobile Phones



Tablets



Microphones



Earbuds



Wireless Headset



Headphones



Loudspeakers



Laptops

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Company Profile

SAATI is a multinational group with its corporate headquarters in northern Italy, weaving the future since 1935. Today we are leader in the development, manufacturing and commercialization of advanced technical textiles and chemicals.

The SAATI acoustic team works globally with Consumer Electronics customers to meet their current and future needs in all these areas.